

FIG. 1

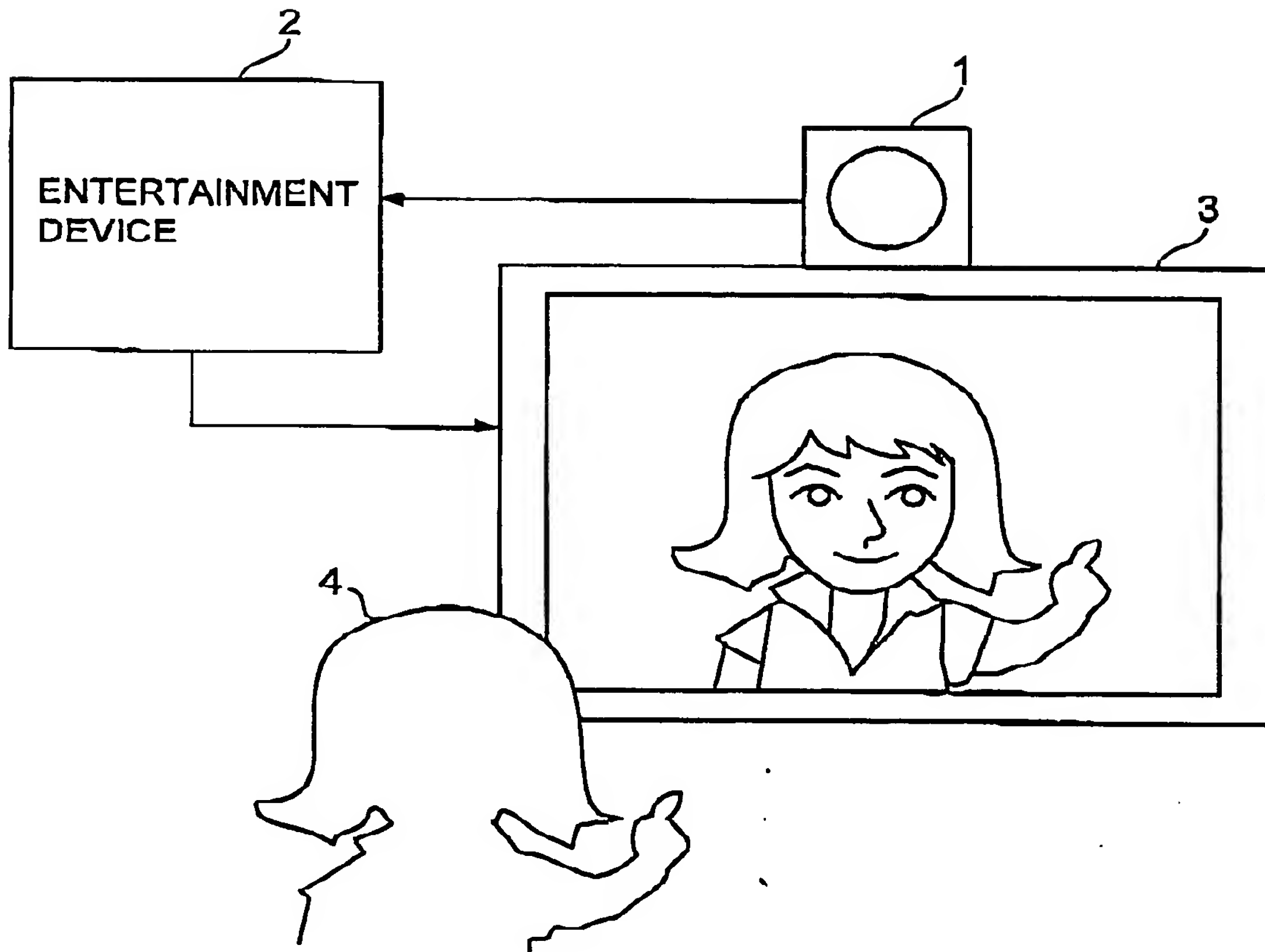


FIG. 1 AVAILABLE COPY

FIG. 2

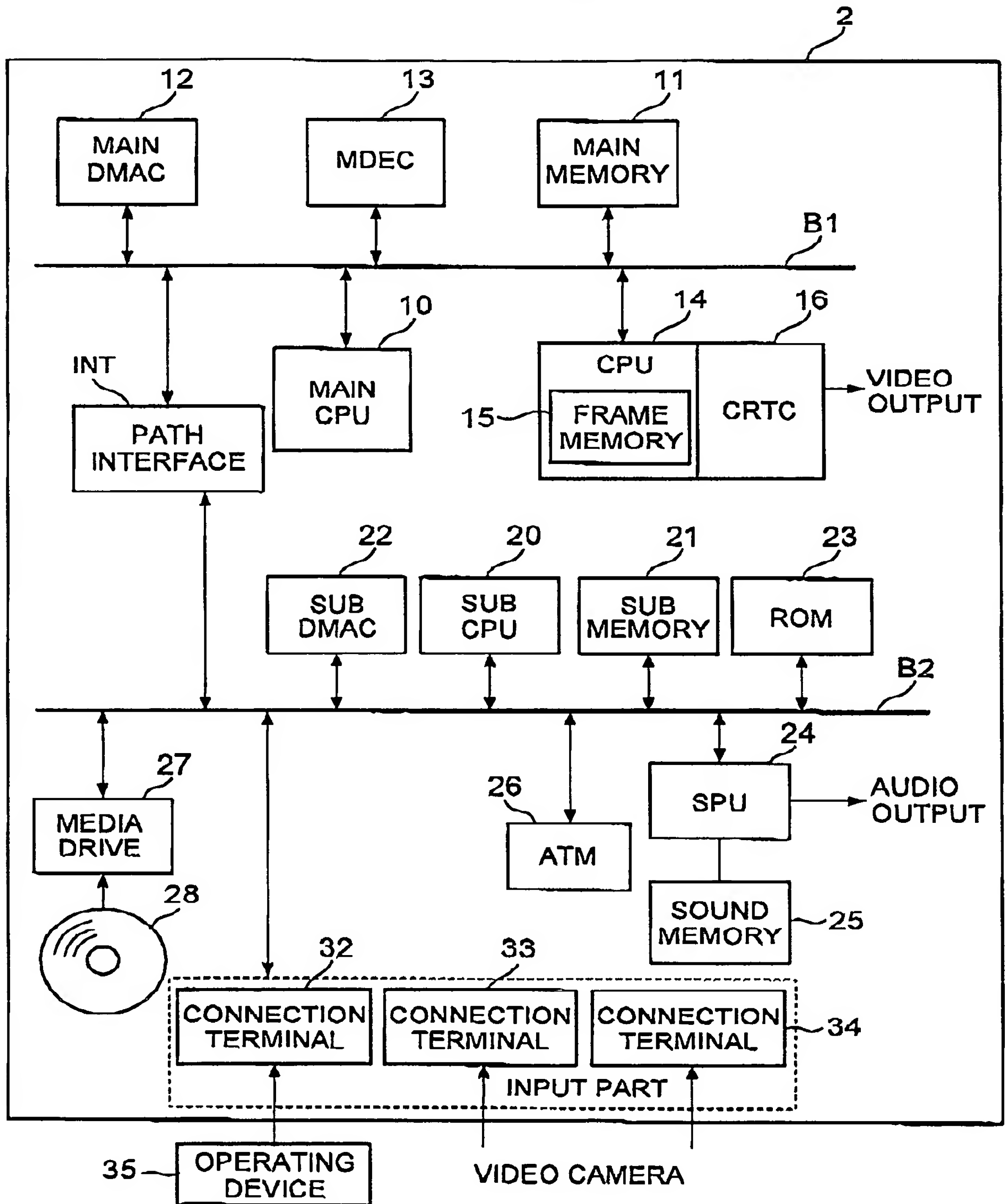


FIG. 3

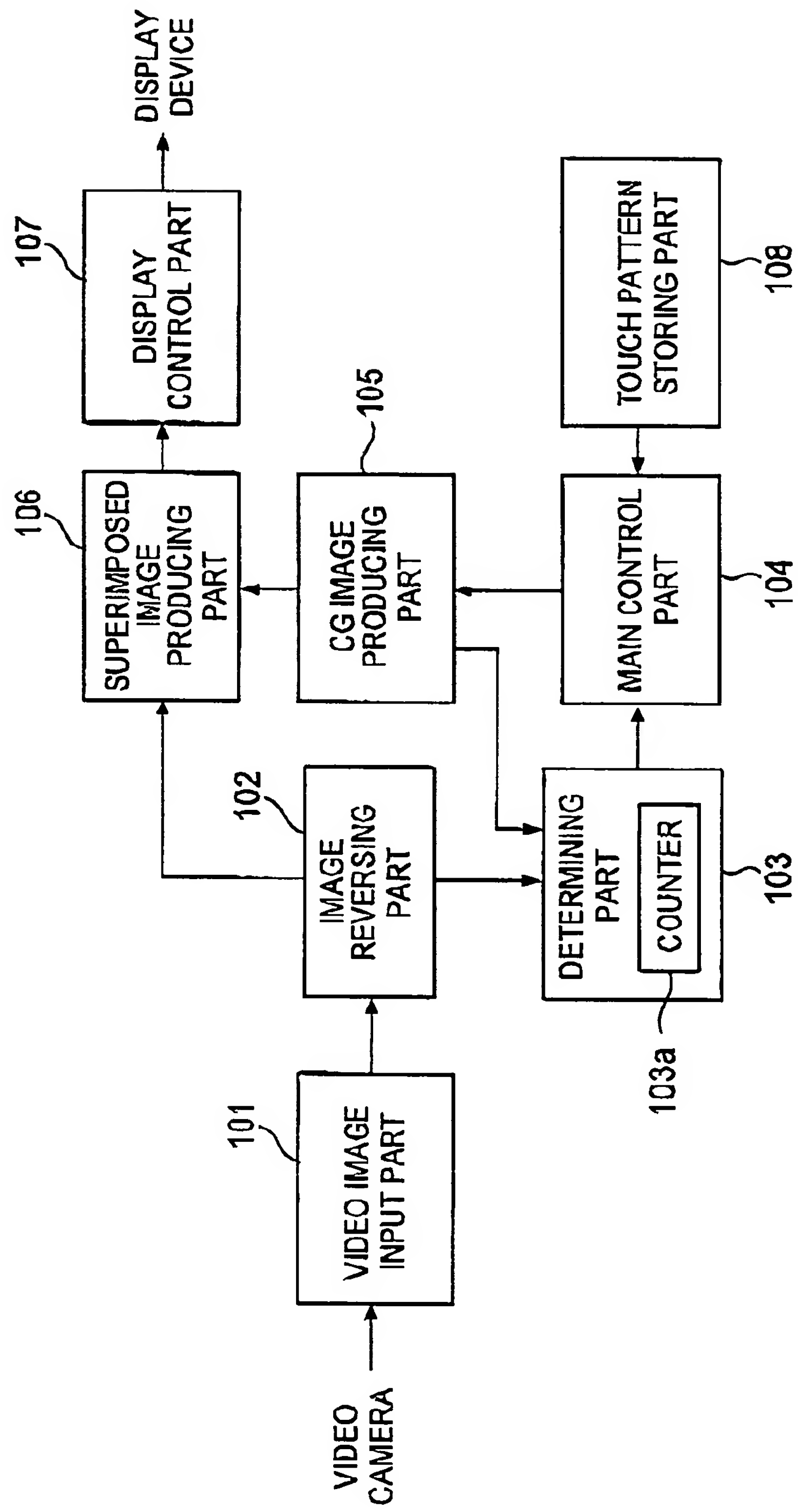


FIG. 4A

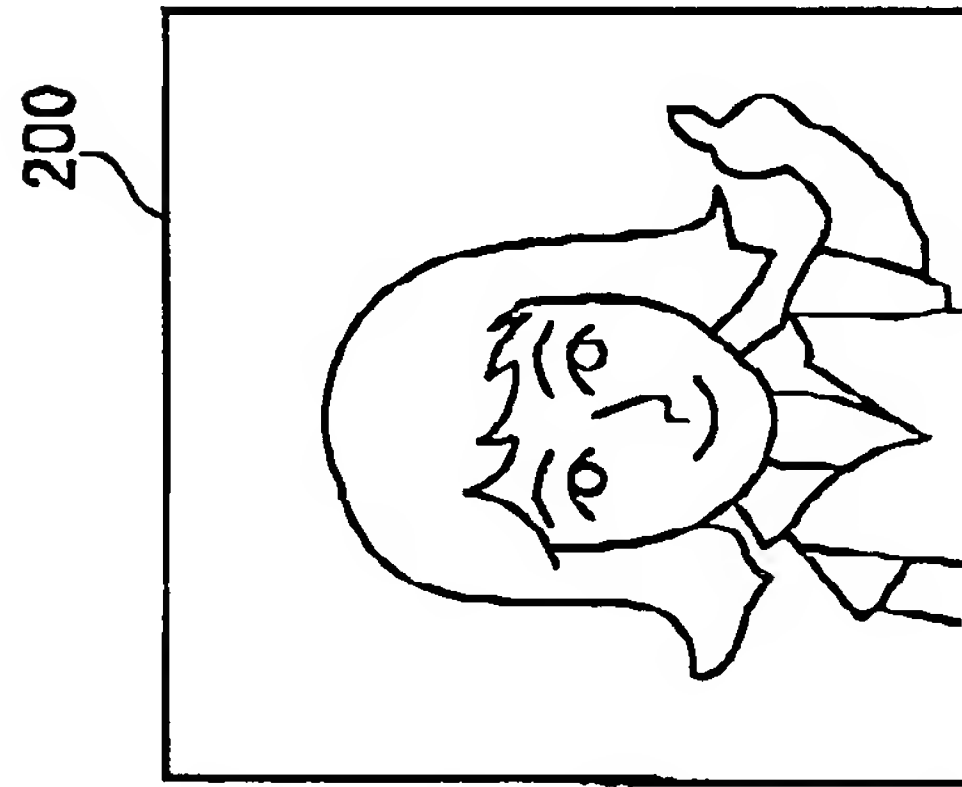


FIG. 4B

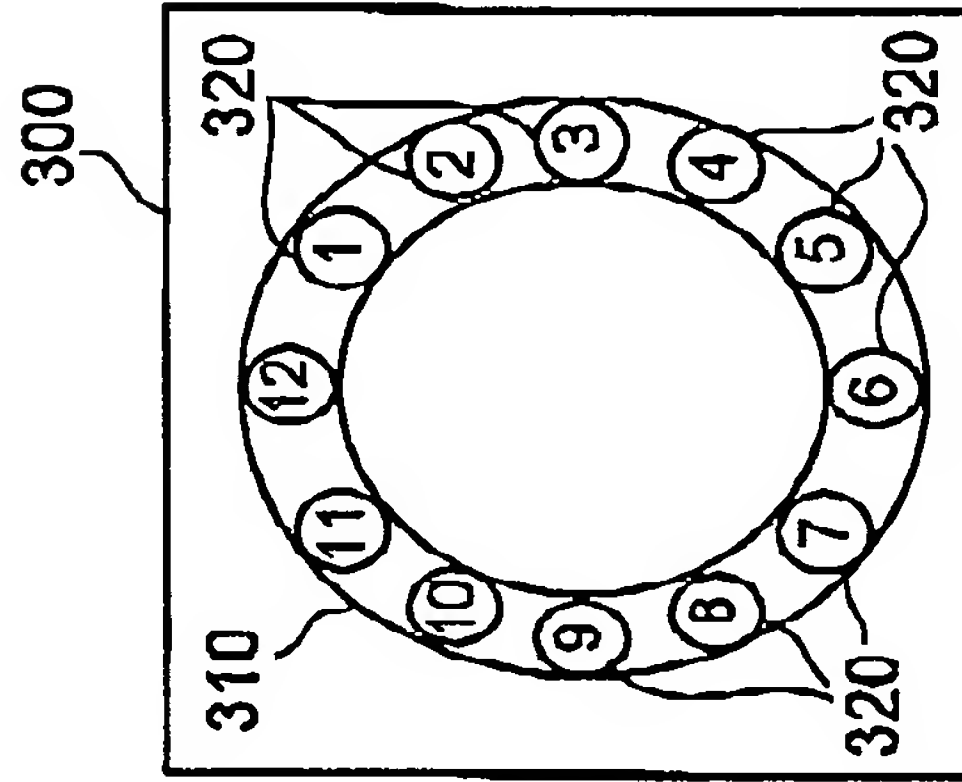


FIG. 4C

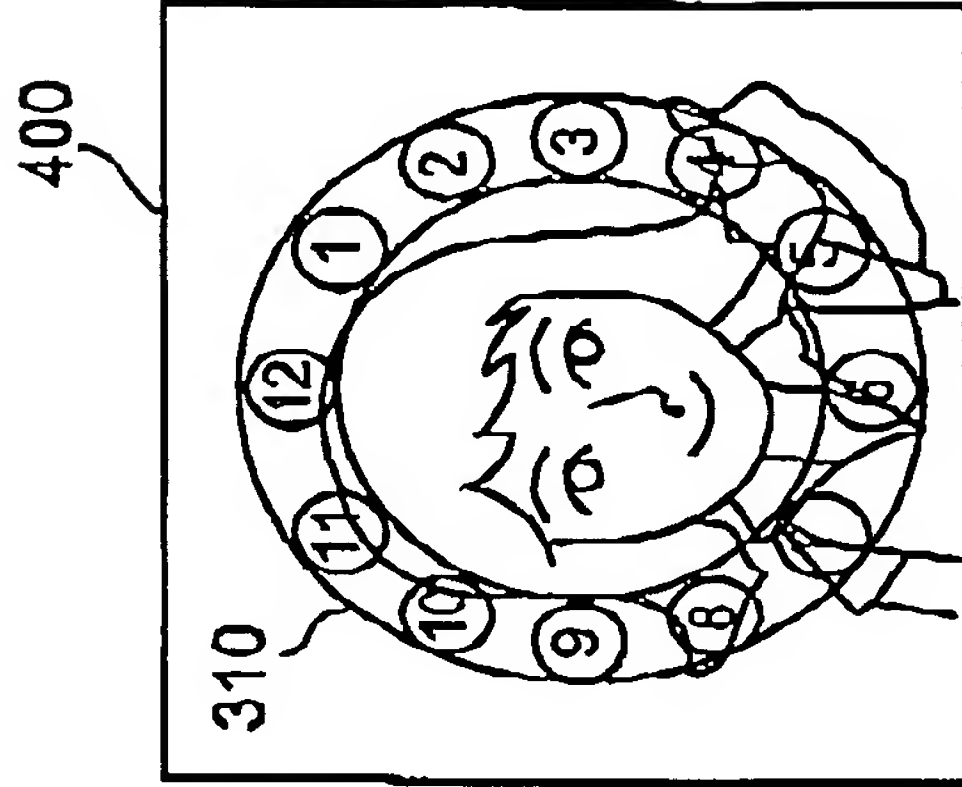


FIG. 5

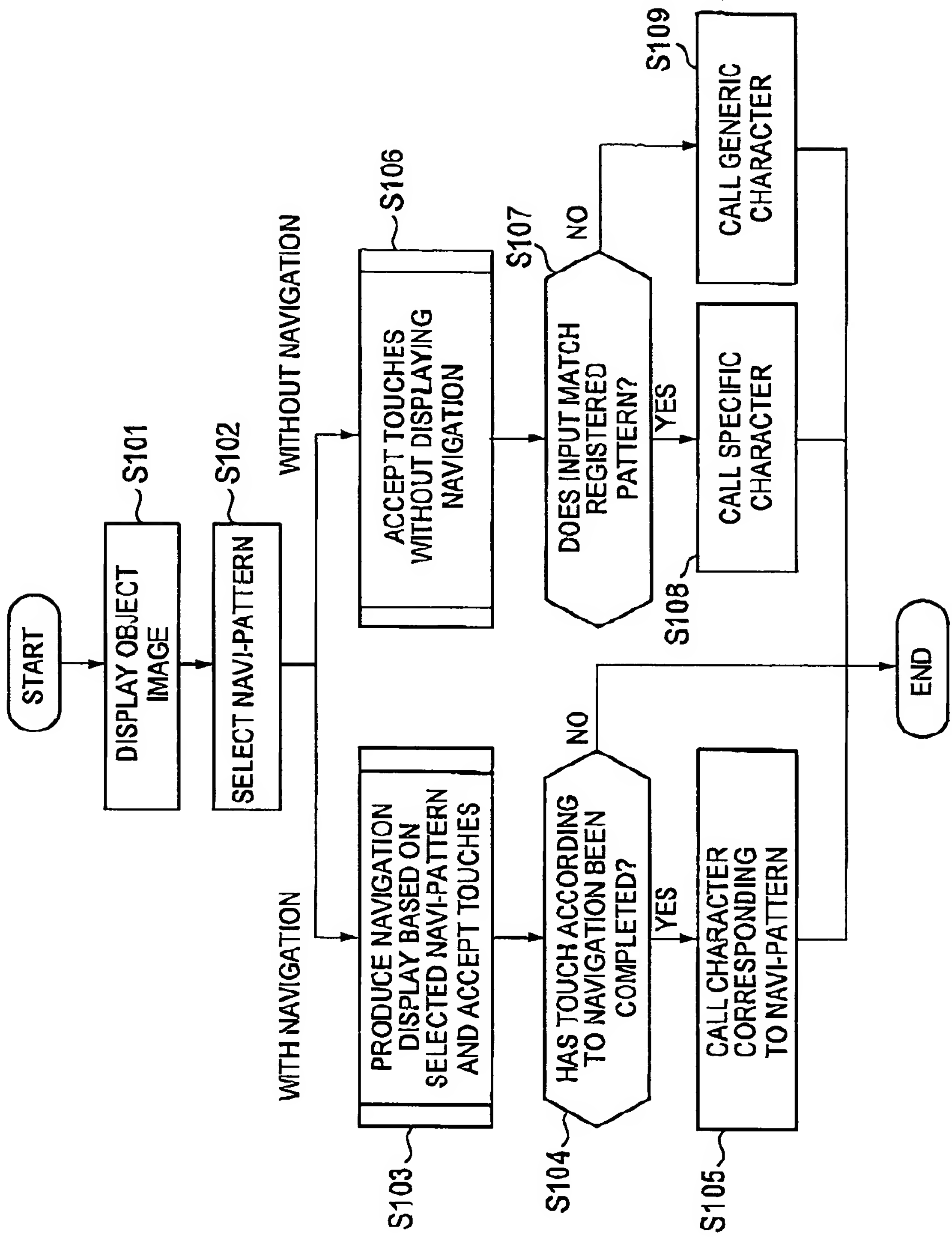


FIG. 6

DETAILED PROCESSING OF STEP S103
(FOR CASE OF SINGLE NAVIGATION)

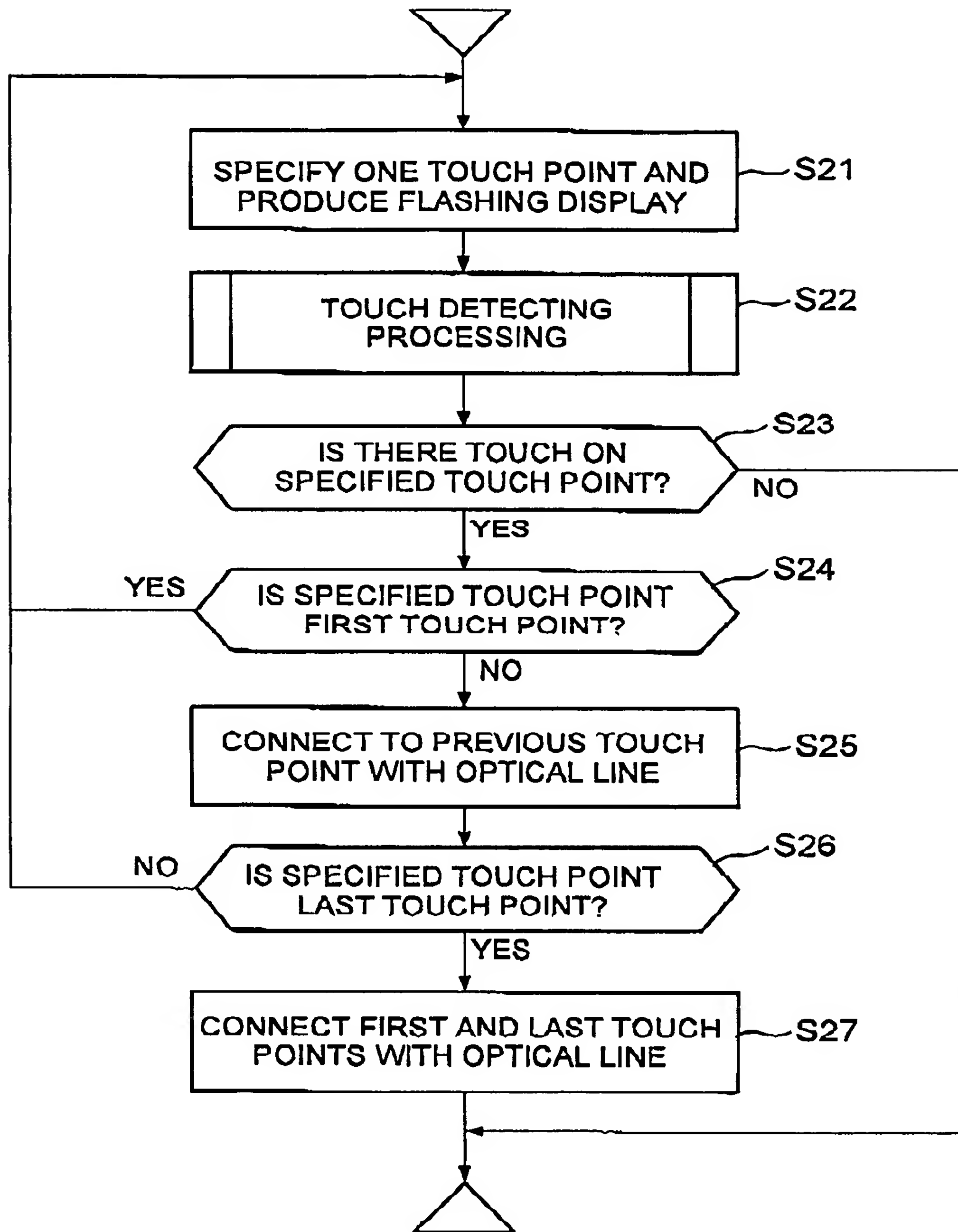


FIG. 7

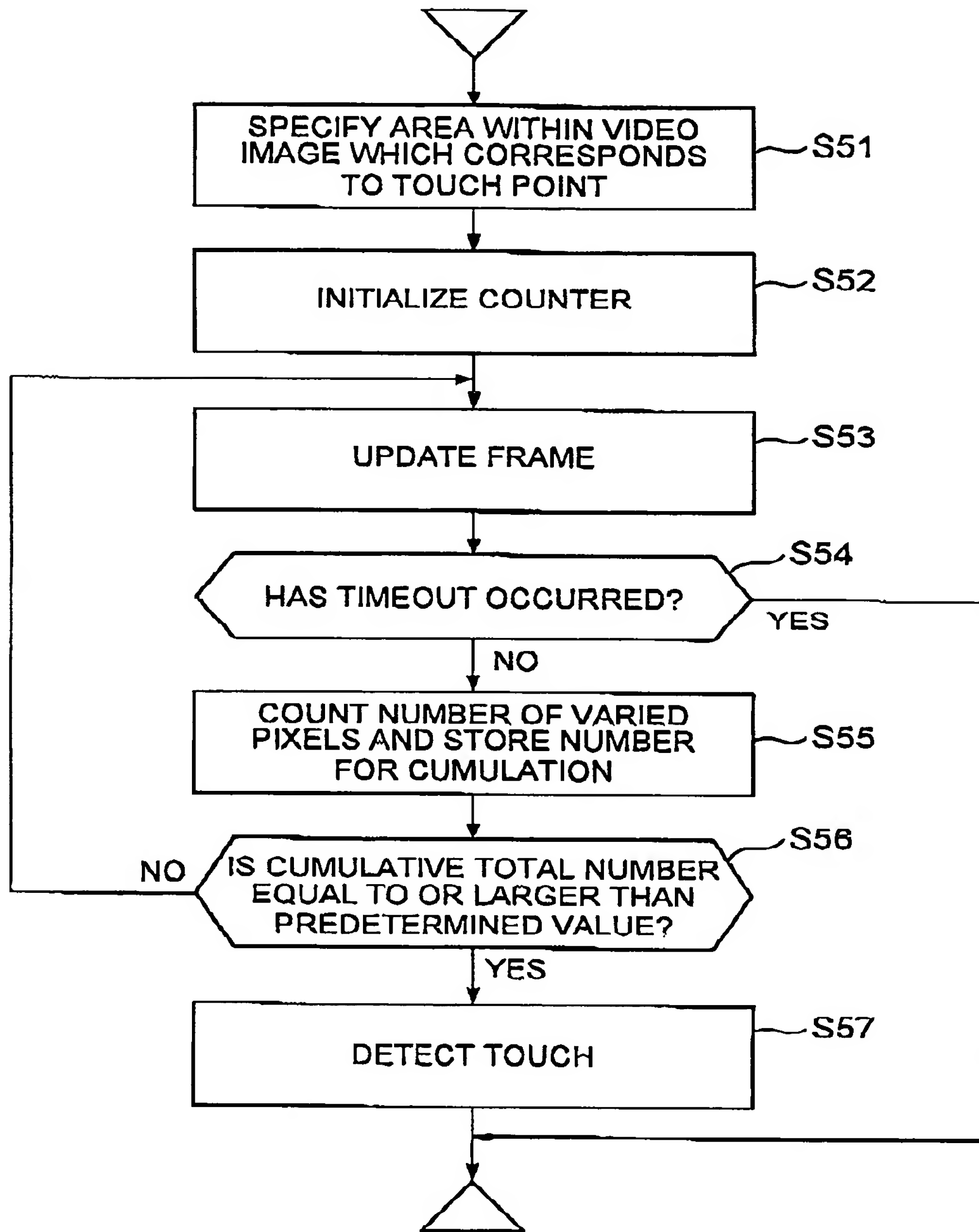
TOUCH DETERMINING
PROCESSING OF STEP S22

FIG. 8

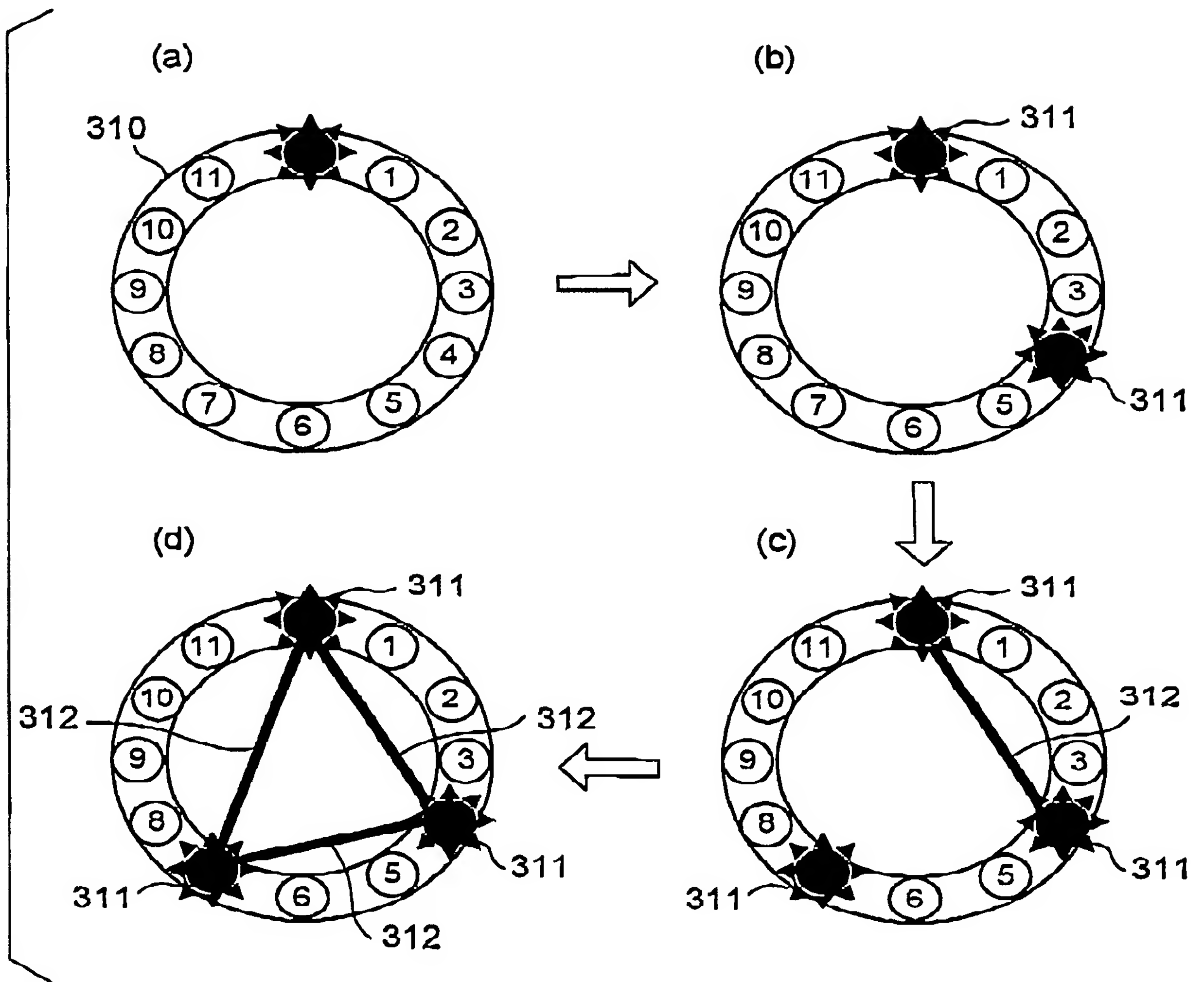
SINGLE NAVIGATION (FOR CASE
OF TOUCH PATTERN 12→4→7)

FIG. 9

DETAILED PROCESSING OF STEP S103
(FOR CASE OF DOUBLE NAVIGATION)

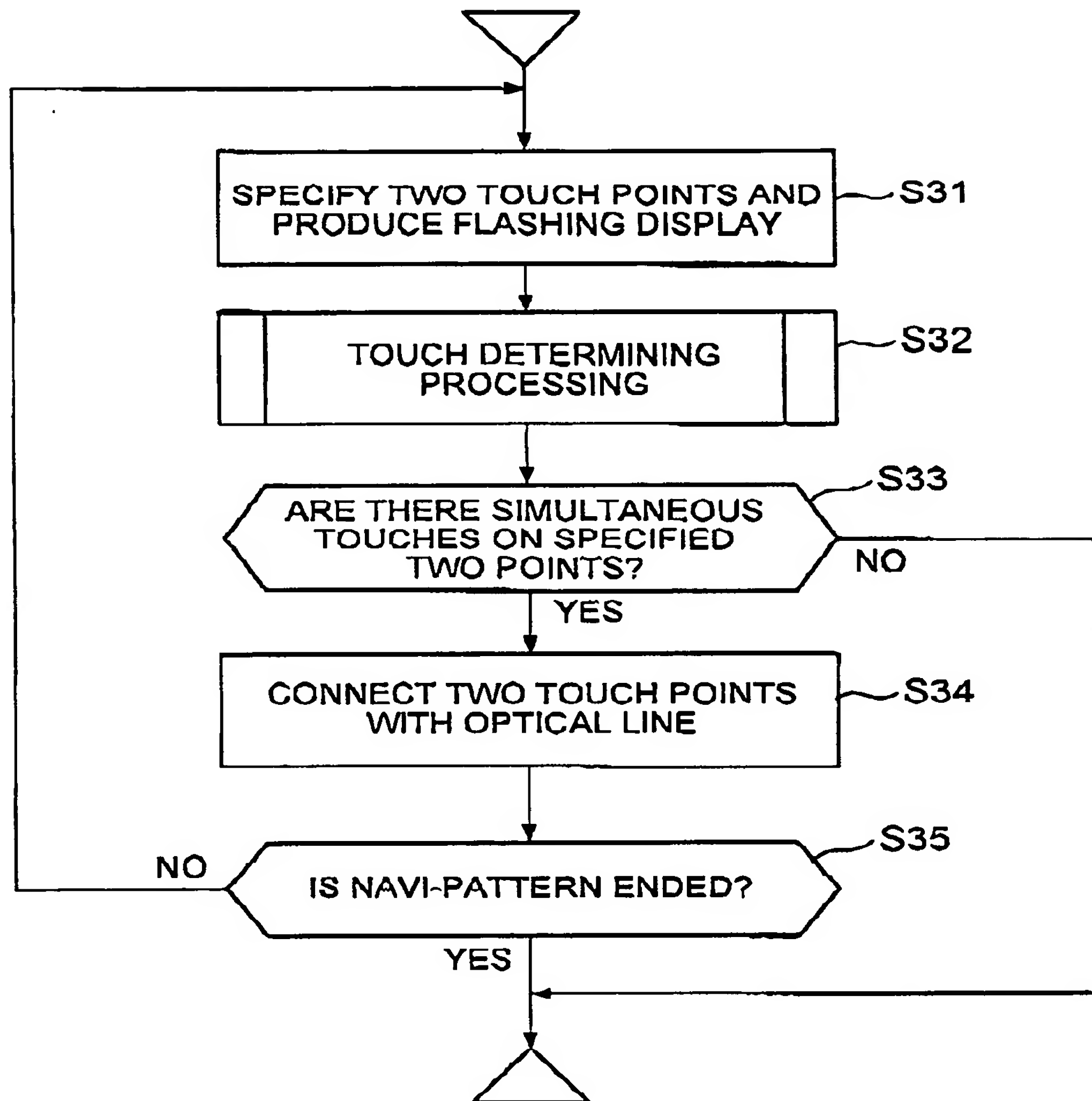


FIG. 10

DOUBLE NAVIGATION
(FOR CASE OF TOUCH PATTERN 12,7→2,10)

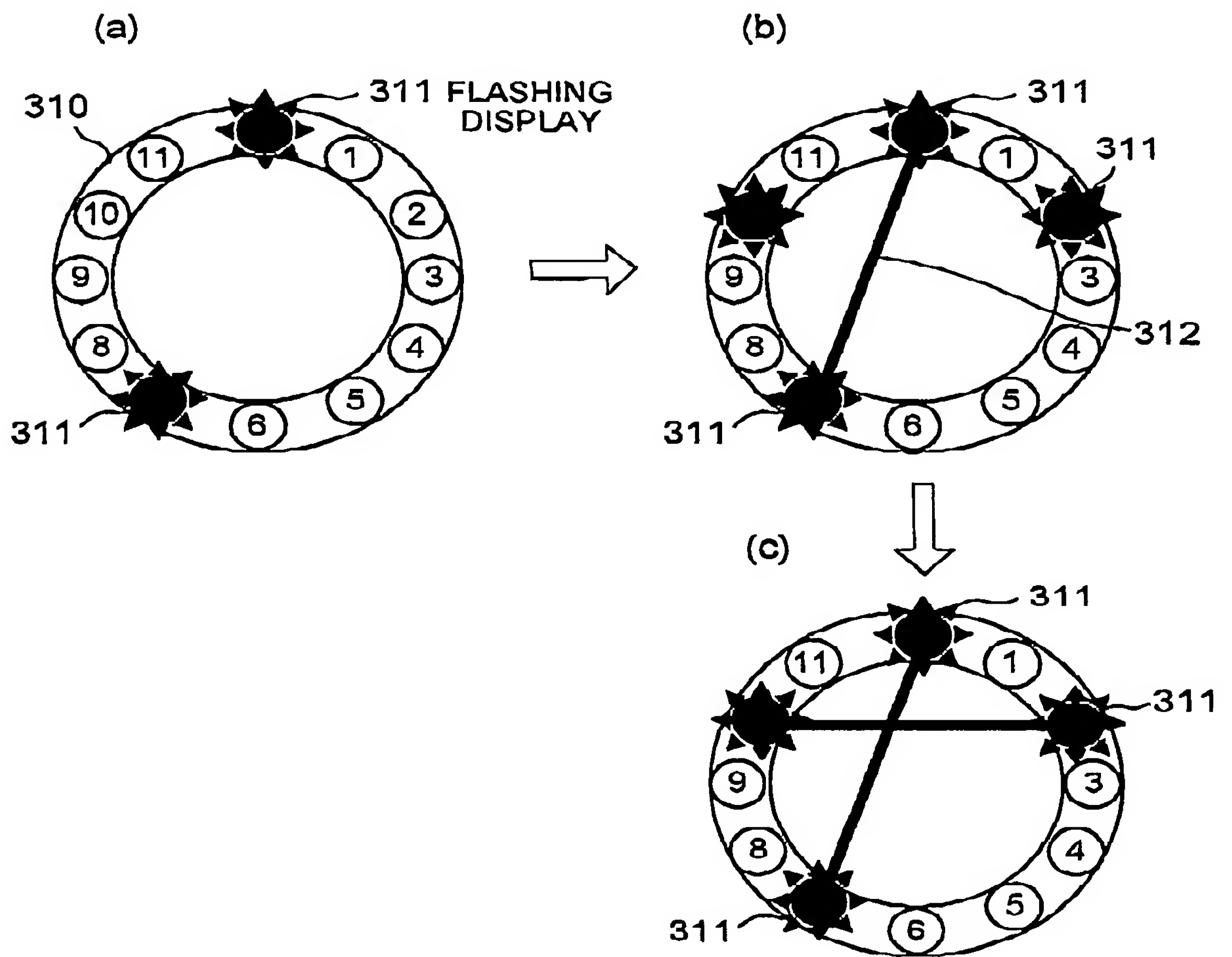


FIG. 11

DETAILED PROCESSING OF STEP S103
(FOR CASE OF LIGHTNING NAVIGATION)

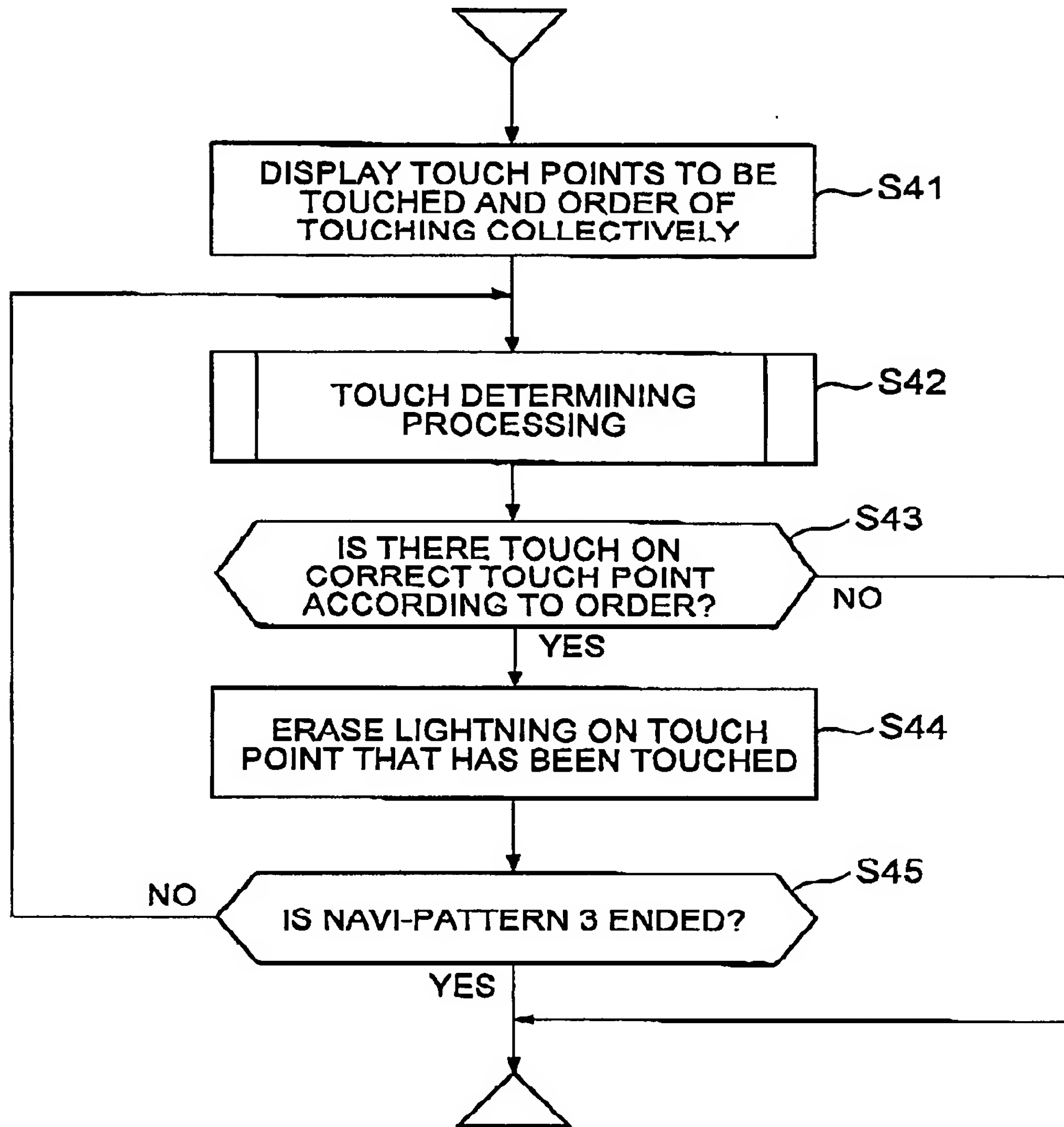


FIG. 12

LIGHTNING NAVIGATION
(FOR CASE OF TOUCH PATTERN 12→4→7)

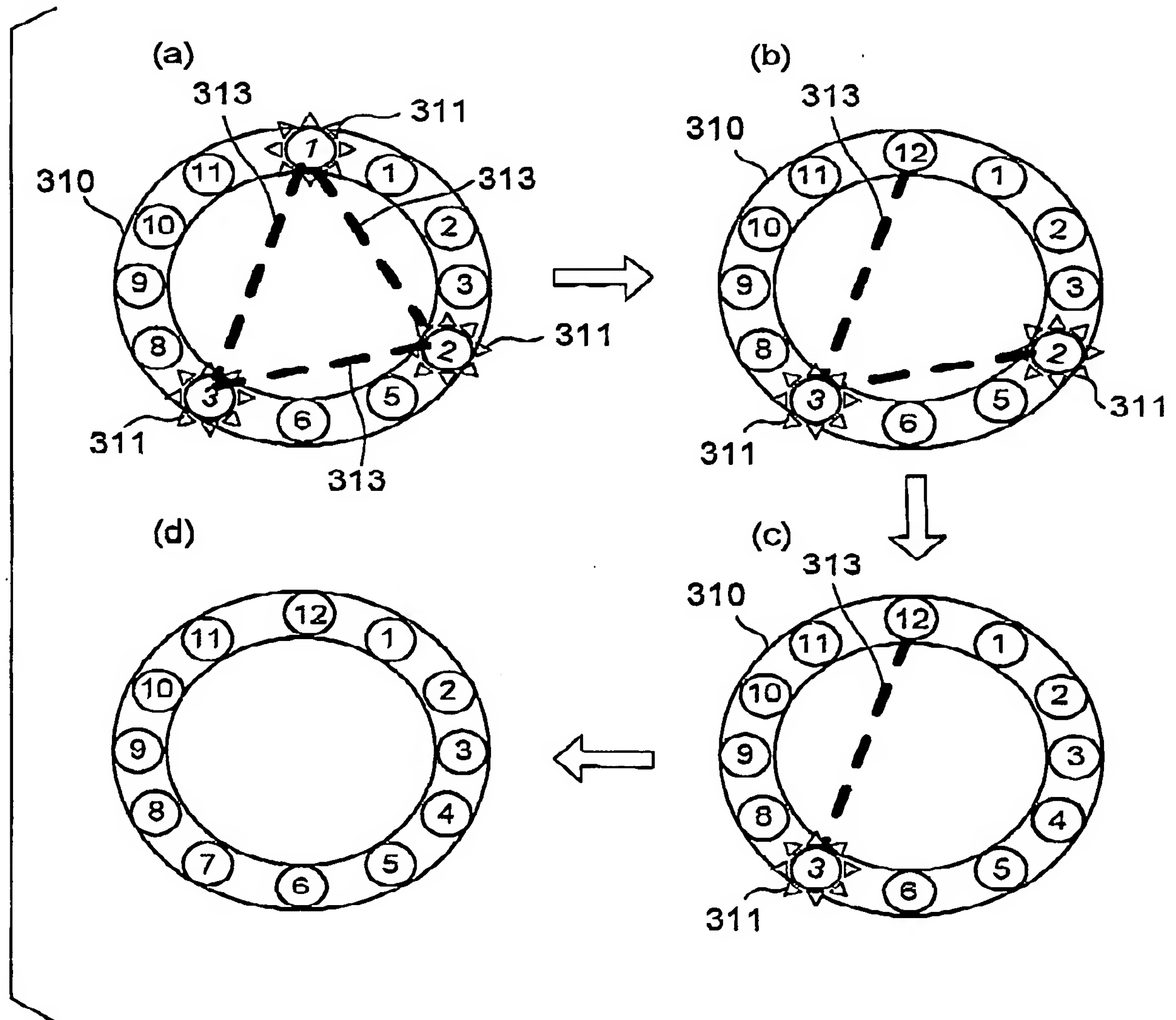
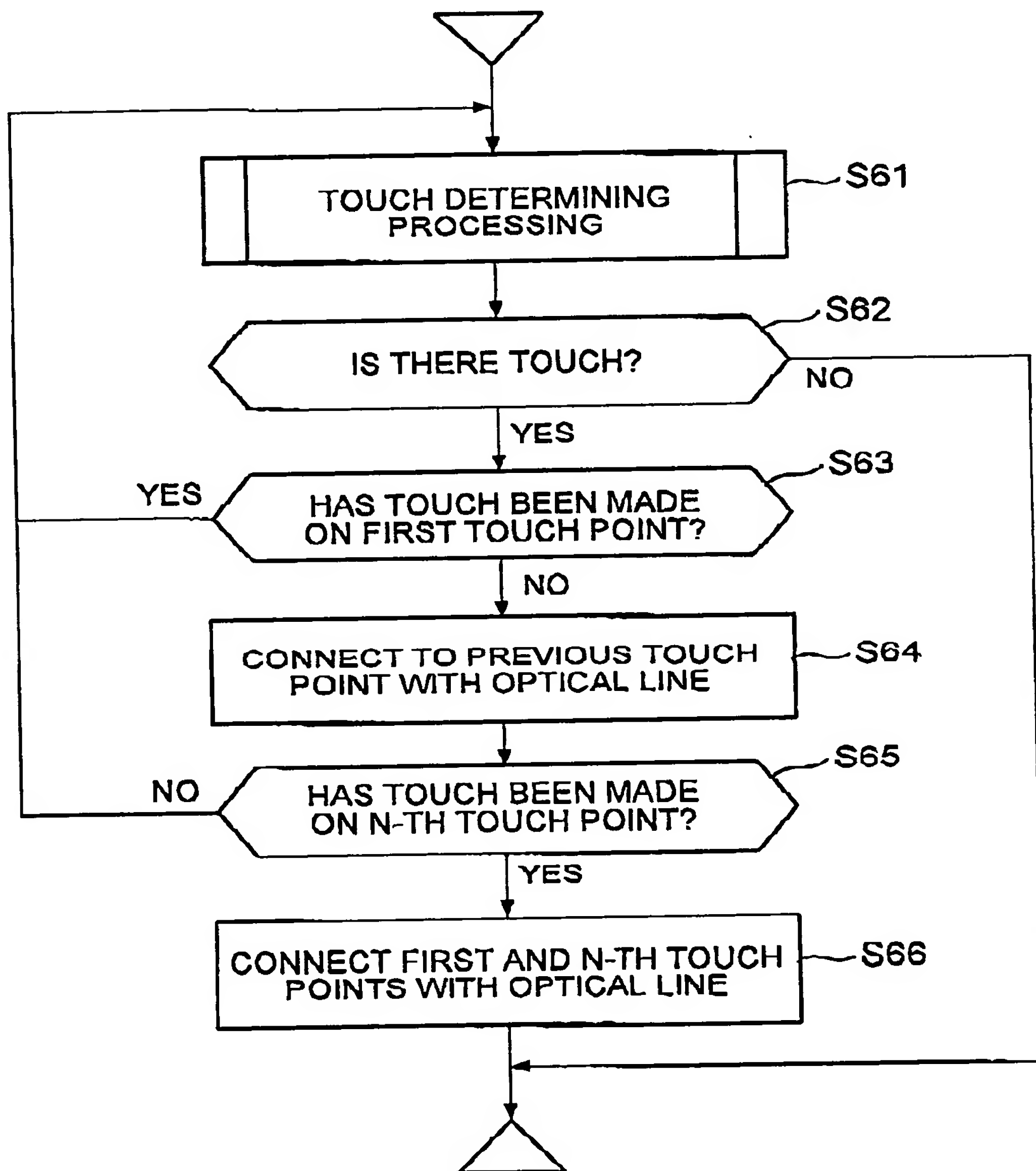


FIG. 13

DETAILED PROCESSING OF STEP S108
(FOR CASE WITHOUT NAVIGATION: NUMBER OF TOUCHES IS N)



This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record.

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☒ **FADED TEXT OR DRAWING**
- ☒ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☒ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☒ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.